



BIOSCIENCE INDUSTRY

MISSOURI TARGET INDUSTRY

JUNE 2020

2019 STATEWIDE LABOR ANALYSIS

The Biosciences industry showed more than 6,000 job postings in 2019 for top demand jobs. The top occupation was *Wholesale and Manufacturing Sales Representatives*, making up 9.2 percent of total job postings for the time period.

The top five employers were Bayer Corporation, Pfizer, Bunge, MilliporeSigma, and Mallinckrodt Pharmaceuticals.

TOP JOB POSTINGS

SOC Code	Description	Online Job Postings	Average Annual Wage	
Now - requires short-term on-the-job training, little to no experience, and/or a high school diploma				
43-4051	Customer Service Representatives	1.3%	\$35,020	★
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1.3%	\$31,360	★
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	0.5%	\$29,010	★
43-5081	Stock Clerks and Order Fillers	0.5%	\$27,320	★
53-7011	Conveyor Operators and Tenders	0.4%	\$32,500	
Next - requires a non-degree certificate, associate degree, apprenticeship, some experience, or moderate- to long-term training				
53-3032	Sales Representatives, Wholesale and Manufacturing	9.2%	\$65,640	★
51-9199	First-Line Supervisors of Production and Operating Workers	1.9%	\$58,630	
51-1011	Production Workers, All Other	1.9%	\$31,610	
41-4012	Life, Physical, and Social Science Technicians, All Other	1.5%	\$49,590	
19-4011	Maintenance and Repair Workers, General	1.4%	\$38,200	★
Later - requires a bachelor's degree or higher				
11-9199	Managers, All Other	4.8%	\$97,820	★
11-2022	Sales Managers	4.0%	\$133,570	
15-1199	Computer Occupations, All Other	3.7%	\$82,610	
15-1132	Software Developers, Applications	3.0%	\$93,880	★
15-2031	Operations Research Analysts	2.5%	\$77,210	

★ Denotes the top 10 occupations by total number of projected openings from 2016-2026 in Now, Next, and Later categories

EDUCATION AND TRAINING OPPORTUNITIES

Across the state there are 74 programs in 193 locations for training in Bioscience occupations. Visit **MOSCORES**, Missouri's system linking program information and outcomes (employment, wage, credential rates) for traditional degree programs as well as noncredit credentials, to find degree and certificate programs at an educational institution near you. In addition, there are three U.S. Department of Labor Registered Apprenticeship programs for Bioscience occupations across the state. Visit **Apprenticeship Missouri** for more information.

TOP SKILLS & CERTIFICATIONS

TOP 10 BASIC SKILLS

Communication Skills
Teamwork / Collaboration
Problem Solving
Planning
Organizational Skills
Microsoft Excel
Research
Computer Literacy
Microsoft Office
Written Communication

Basic skills are the most numerous, found in the majority of job advertisements. Several soft skills such as communication, teamwork, and problem solving ranked in the top 10 requested basic skills. Communication skills were found in nearly one-half (45%) of total job postings.

TOP 10 SPECIALIZED SKILLS

Sales
Budgeting
Project Management
Customer Service
Quality Assurance and Control
Scheduling
Good Manufacturing Practices (GMP)
Chemistry
Current Good Manufacturing Practices (CGMP)
Customer Contact

Top specialized skills included sales, budgeting, and project management.

TOP 10 SOFTWARE SKILLS

SAP
Python
Software Development
SQL
Enterprise Resource Planning (ERP)
Salesforce
Java
Software Engineering
JavaScript
Scrum

Microsoft Office and its products such as Word, Excel, PowerPoint, and Access are the most requested software skills across all industries. Other skills requested in the Biosciences industry include SAP, Python, and software development.

TOP 10 CERTIFICATES

Driver's License
Project Management Certification
Certified Public Accountant (CPA)
Project Management Professional (PMP)
Commercial Driver's License
Forklift Operator Certification
IT Infrastructure Library (ITIL) Certification
Six Sigma Certification
American Society For Quality (ASQ) Certification
Certified Quality Auditor (CQA)

The top requested certificate was Driver's License followed by Project Management Certification.

Notes:

Burning Glass Technologies/Labor Insight, 2018 Bureau of Labor Statistics OES wages, 2016-2026 Employment Projections

This report uses annual data from the Bureau of Labor Statistics where there is a time-release lag to ensure all data is reported from various sectors and geographic locations. This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.